

Agency Name: BETTERCARE AGENCY  
 Agency ID: HHA02  
 Location: ANYTOWN, USA  
 Medicare Number: 007002  
 Medicaid Number: 999888002

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2 Requested Current Period: 10/2003 - 12/2003  
 Actual Current Period: 10/2003 - 12/2003  
 3 Number of Cases in Current Period: 792  
 Number of Cases in Reference Sample: 29983  
 Date Report Printed: 3/28/2004

5  
792  
29983  
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## Case Mix Profile at Start/Resumption of Care For Adverse Event Outcome Report

	6 Current Mean	Reference Mean	Sig.		7 Current Mean	Reference Mean	Sig.
<b>Demographics</b>				<b>ADL Status Prior to SOC/ROC</b>			
Age (average in years)	70.75	72.78	**	Grooming (0-3, scale average)	0.66	0.52	**
Gender: Female (%)	69.4%	62.9%	**	Dress upper body (0-3, scale avg.)	0.35	0.35	
Race: Black (%)	1.7%	10.7%	**	Dress lower body (0-3, scale avg.)	0.70	0.63	
Race: White (%)	97.5%	85.5%	**	Bathing (0-5, scale average)	1.33	1.20	
Race: Other (%)	0.8%	3.8%	**	Toileting (0-4, scale average)	0.39	0.38	
<b>Payment Source</b>				Transferring (0-5, scale average)	0.38	0.44	**
Any Medicare (%)	80.4%	82.6%		Ambulation (0-5, scale average)	0.70	0.71	
Any Medicaid (%)	12.9%	14.3%		Eating (0-5, scale average)	0.22	0.21	
Any HMO (%)	3.0%	5.8%	*	<b>IADL Disabilities at SOC/ROC</b>			
Medicare HMO (%)	1.3%	2.2%		Light meal prep (0-2, scale avg.)	1.02	0.90	**
Any third party (%)	19.9%	21.9%		Transportation (0-2, scale avg.)	1.05	0.99	**
<b>Current Residence</b>				Laundry (0-2, scale average)	1.62	1.51	**
Own home (%)	74.7%	78.7%		Housekeeping (0-4, scale avg.)	2.89	2.68	**
Family member home (%)	20.5%	14.1%	**	Shopping (0-3, scale average)	2.10	2.06	
<b>Current Living Situation</b>				Phone use (0-5, scale average)	0.63	0.72	
Lives alone (%)	28.6%	29.4%		Mgmt. oral meds (0-2, scale avg.)	0.69	0.70	
With family member (%)	66.7%	64.2%		<b>IADL Status Prior to SOC/ROC</b>			
With friend (%)	1.3%	1.6%		Light meal prep (0-2, scale avg.)	0.65	0.56	*
With paid help (%)	2.3%	3.3%		Transportation (0-2, scale avg.)	0.78	0.69	**
<b>Assisting Persons</b>				Laundry (0-2, scale average)	1.10	0.96	**
Person residing in home (%)	57.0%	55.9%		Housekeeping (0-4, scale avg.)	1.93	1.73	*
Person residing outside home (%)	44.3%	53.0%	**	Shopping (0-3, scale average)	1.45	1.32	
Paid help (%)	9.3%	14.1%	**	Phone use (0-5, scale average)	0.49	0.59	
<b>Primary Caregiver</b>				Mgmt. oral meds (0-2, scale avg.)	0.53	0.54	
Spouse/significant other (%)	31.0%	33.6%		<b>Respiratory Status</b>			
Daughter/son (%)	33.0%	26.4%	**	Dyspnea (0-4, scale average)	1.33	1.19	
Other paid help (%)	3.7%	6.1%	*	<b>Therapies Received at Home</b>			
No one person (%)	21.7%	20.2%		IV/infusion therapy (%)	4.3%	3.7%	
<b>Primary Caregiver Assistance</b>				Parenteral nutrition (%)	0.5%	0.3%	
Freq. of assistance (0-6, scale avg.)	4.11	4.10		Enteral nutrition (%)	2.2%	1.8%	
<b>Inpatient DC within 14 Days of SOC/ROC</b>				<b>Sensory Status</b>			
From hospital (%)	69.1%	68.4%		Vision impairment (0-2, scale avg.)	0.32	0.30	
From rehab facility (%)	7.2%	6.4%		Hearing impair. (0-4, scale avg.)	0.38	0.45	**
From nursing home (%)	1.8%	3.3%		Speech/language (0-5, scale avg.)	0.45	0.47	
<b>Med. Reg. Chg. w/in 14 Days of SOC/ROC</b>				<b>Pain</b>			
Medical regimen change (%)	67.7%	81.2%	**	Pain interf. w/activity (0-3, scale avg.)	0.95	0.98	
<b>Prognoses</b>				Intractable pain (%)	14.0%	13.7%	
Moderate recovery prognosis (%)	85.3%	85.9%		<b>Neuro/Emotional/Behavioral Status</b>			
Good rehab prognosis (%)	62.6%	68.2%	*	Moderate cognitive disability (%)	10.8%	11.9%	
<b>ADL Disabilities at SOC/ROC</b>				Severe confusion disability (%)	5.7%	6.9%	
Grooming (0-3, scale average)	1.02	0.86	**	Severe anxiety level (%)	16.7%	11.7%	**
Dress upper body (0-3, scale avg.)	0.56	0.59	**	Behav probs > twice a week (%)	14.0%	5.7%	**
Dress lower body (0-3, scale avg.)	1.22	1.10	*	<b>Integumentary Status</b>			
Bathing (0-5, scale average)	2.15	2.03		Presence of wound/lesion (%)	31.6%	31.2%	
Toileting (0-4, scale average)	0.63	0.57		Stasis ulcer(s) present (%)	3.7%	2.9%	
Transferring (0-5, scale average)	0.64	0.70	**	Surgical wound(s) present (%)	21.1%	22.3%	
Ambulation (0-5, scale average)	1.05	1.07		Pressure ulcer(s) present (%)	8.2%	5.4%	*
Eating (0-5, scale average)	0.33	0.32		Stage 2-4 ulcer(s) present (%)	6.5%	4.5%	
				Stage 3-4 ulcer(s) present (%)	4.0%	1.4%	**

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	Current Mean	Reference Mean	Sig.		Current Mean	Reference Mean	Sig.
<b>Elimination Status</b>							
UTI within past 14 days (%)	22.5%	9.7%	**	Length of Stay			
Urinary incont./catheter present (%)	12.6%	16.7%	**	LOS until discharge (avg. in days)	49.52	40.35	**
Incontinent day and night (%)	10.0%	9.3%		LOS from 1 to 31 days (%)	46.6%	54.0%	**
Urinary catheter (%)	6.0%	5.9%		LOS from 32 to 62 days (%)	28.0%	30.0%	
Bowel incont. (0-5, scale avg.)	0.29	0.23		LOS from 63 to 124 days (%)	17.8%	11.8%	**
<b>Acute Conditions</b>							
Orthopedic (%)	18.5%	21.5%		* The probability is 1% or less that the difference is due to chance, and 99% or more that the difference is real.			
Neurologic (%)	13.1%	9.3%	*				
Open wounds/lesions (%)	33.0%	31.8%		** The probability is 0.1% or less that the difference is due to chance, and 99.9% or more that the difference is real.			
Terminal condition (%)	5.7%	5.6%					
Cardiac/peripheral vascular (%)	27.0%	30.9%					
Pulmonary (%)	17.3%	16.9%					
Diabetes mellitus (%)	7.7%	8.4%					
Gastrointestinal disorder (%)	12.5%	11.5%					
Contagious/communicable (%)	9.8%	3.0%	**				
Urinary incont./catheter (%)	6.0%	8.1%					
Mental/emotional (%)	9.3%	3.1%	**				
Oxygen therapy (%)	11.2%	11.2%					
IV/infusion therapy (%)	4.3%	3.7%					
Enteral/parenteral nutrition (%)	2.7%	2.0%					
Ventilator (%)	0.0%	0.1%					
<b>Chronic Conditions</b>							
Dependence in living skills (%)	42.1%	35.9%	*				
Dependence in personal care (%)	37.9%	22.9%	**				
Impaired ambulation/mobility (%)	14.0%	13.4%					
Eating disability (%)	4.2%	3.2%					
Urinary incontinence/catheter (%)	13.1%	13.7%					
Dependence in med. admin. (%)	44.1%	39.9%					
Chronic pain (%)	7.7%	5.7%					
Cognitive/mental/behavioral (%)	28.6%	23.5%	*				
Chronic pt. with caregiver (%)	40.4%	34.0%	**				
<b>Home Care Diagnoses</b>							
Infectious/parasitic diseases (%)	13.0%	4.5%	**				
Neoplasms (%)	11.8%	12.3%					
Endocrine/nutrit./metabolic (%)	29.0%	27.1%					
Blood diseases (%)	8.2%	6.7%					
Mental diseases (%)	20.1%	9.9%	**				
Nervous system diseases (%)	13.8%	9.4%	**				
Circulatory system diseases (%)	61.6%	55.3%	*				
Respiratory system diseases (%)	24.3%	19.5%	*				
Digestive system diseases (%)	13.8%	12.0%					
Genitourinary sys. diseases (%)	10.7%	10.4%					
Pregnancy problems (%)	0.5%	0.2%					
Skin/subcutaneous diseases (%)	6.2%	7.4%					
Musculoskeletal sys. diseases (%)	26.1%	23.5%					
Congenital anomalies (%)	1.8%	0.8%					
Ill-defined conditions (%)	24.1%	19.6%	*				
Fractures (%)	12.0%	9.1%					
Intracranial injury (%)	0.2%	0.3%					
Other injury (%)	9.5%	5.9%	**				
Iatrogenic conditions (%)	2.2%	3.1%					

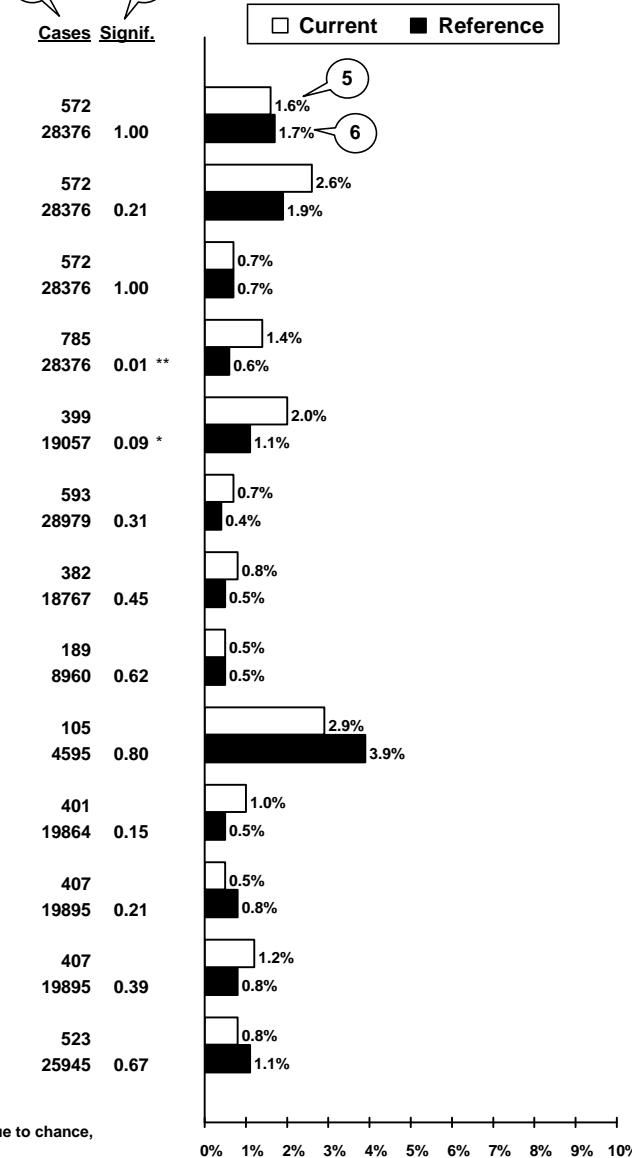
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## Adverse Event Outcome Report

### Adverse Event Outcomes:

	Cases	Signif.
Emergent care for injury caused by fall or accident at home	572 28376	1.00
Emergent care for wound infections, deteriorating wound status	572 28376	0.21
Emergent care for improper medication administration, medication side effects	572 28376	1.00
Emergent care for hypo/hyperglycemia	785 28376	0.01 **
Development of urinary tract infection	399 19057	0.09 *
Increase in number of pressure ulcers	593 28979	0.31
Substantial decline in 3 or more activities of daily living	382 18767	0.45
Substantial decline in management of oral medications	189 8960	0.62
Unexpected nursing home admission	105 4595	0.80
Discharged to the community needing wound care or medication assistance	401 19864	0.15
Discharged to the community needing toileting assistance	407 19895	0.21
Discharged to the community with behavioral problems	407 19895	0.39
Unexpected death	523 25945	0.67



\* The probability is 10% or less that this difference is due to chance, and 90% or more that the difference is real.

\*\* The probability is 5% or less that this difference is due to chance, and 95% or more that the difference is real.

Percent of Cases with Adverse Event Outcome

# Values above 10% are not graphed to scale.

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## Adverse Event Outcome Report Patient Listing

### Emergency Care for Injury Caused by Fall or Accident at Home

Complete Data Cases:	572	Number of Events:	9	Agency Incidence:	1.6%	Reference Incidence:	1.7%	7
Patient ID	Last Name	First Name	Gender	Birth Date	SOC/ROC	DC/Transfer		
654896104	Cris	Ron	M	05/11/1925	10/22/03	12/27/03		
544740859	Hair	Janet	F	08/29/1935	11/12/03	11/18/03		
445140130	Shout	Cindy	F	06/13/1939	10/28/03	12/10/03		
674803196	Starson	Mina	F	09/16/1933	11/22/03	12/26/03		
175305360	Amrod	Arnold	M	06/06/1928	11/17/03	11/25/03		
451896539	Turner	Ellen	F	01/16/1934	10/27/03	11/15/03		
410242616	Adwan	Lisa	F	01/01/1925	11/28/03	12/05/03		
037083519	Reese	Cecil	M	04/11/1924	10/26/03	12/05/03		
038923073	Thomason	Bruce	M	04/28/1938	11/02/03	11/05/03		

### Emergency Care for Wound Infections, Deteriorating Wound Status

Complete Data Cases:	572	Number of Events:	15	Agency Incidence:	2.6%	Reference Incidence:	1.9%	
Patient ID	Last Name	First Name	Gender	Birth Date	SOC/ROC	DC/Transfer		
601714911	Patterson	Cindy	F	10/03/1938	10/22/03	12/23/03		
544740859	Hair	Janet	F	08/29/1935	12/12/03	12/18/03		
848022770	Jenson	Steve	M	08/29/1931	10/20/03	12/18/03		
157235821	Connor	Carole	F	09/01/1917	11/02/03	11/09/03		
364627291	Kapinski	Bernadeane	F	09/03/1930	12/09/03	12/18/03		
606116128	Dykstra	Mary Anne	F	07/27/1935	10/16/03	11/23/03		
223434953	Dedford	Cathy	F	06/26/1917	11/19/03	11/28/03		
760263344	Foreman	Jay	M	01/10/1928	12/19/03	12/23/03		
203633766	Liberson	Marilyn	F	05/04/1924	11/07/03	11/29/03		
890266877	Besen	Levond	F	12/10/1934	11/19/03	11/30/03		
774698823	Anthony	Marge	F	01/05/1941	10/02/03	10/10/03		
752690714	Fenton	Victoria	F	06/04/1932	11/21/03	11/31/03		
388120765	Frazer	Virginia	F	08/17/1920	12/10/03	12/24/03		
648423584	DuBois	Lori	F	02/01/1915	11/18/03	12/22/03		
425853763	Anderl	Carolyn	F	08/03/1924	10/19/03	10/26/03		

### Emergency Care for Improper Medication Administration, Medication Side Effects

Complete Data Cases:	572	Number of Events:	4	Agency Incidence:	0.7%	Reference Incidence:	0.7%	
Patient ID	Last Name	First Name	Gender	Birth Date	SOC/ROC	DC/Transfer		
003678864	Reginald	Betty	F	04/27/1923	11/13/03	12/09/03		
745499372	Babacha	Leonard	M	12/20/1918	12/22/03	12/23/03		
223324976	Rollins	Bonnie	F	12/04/1924	10/23/03	12/17/03		
039892392	Price	Susan	F	07/13/1935	11/30/03	12/10/03		

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## Adverse Event Outcome Report Patient Listing

### Emergent Care for Hypo/Hyperglycemia

Complete Data Cases: 785		Number of Events: 11	Agency Incidence: 1.4%	Reference Incidence: 0.6%		
Patient ID	Last Name	First Name	Gender	Birth Date	SOC/ROC	DC/Transfer
370756750	McCurt	Sandra	F	11/10/1931	10/06/03	11/06/03
571865967	Badlin	Penny	F	01/18/1929	11/02/03	12/24/03
184679971	Penny	Deborah	F	06/02/1915	10/22/03	10/29/03
414789317	Thomas	Pat	F	12/14/1931	11/15/03	12/02/03
951358157	Santon	Janice	F	07/14/1938	10/01/03	12/30/03
753458499	Kaibler	Paul	M	02/20/1935	10/14/03	10/15/03
487895212	Patrick	Joey	F	04/03/1940	10/15/03	11/01/03
738949277	Williams	Carrie	F	10/31/1933	12/15/03	12/30/03
748261837	Timothy	William	M	08/08/1941	11/08/03	12/05/03
339666452	Jack	Eunice	F	10/17/1932	10/16/03	10/25/03
738601993	Ramirez	Luisa	F	04/16/1947	11/02/03	11/04/03

### Development of Urinary Tract Infection

Complete Data Cases: 399		Number of Events: 8	Agency Incidence: 2.0%	Reference Incidence: 1.1%		
Patient ID	Last Name	First Name	Gender	Birth Date	SOC/ROC	DC/Transfer
859294045	Dietrich	Jim	M	10/17/1920	11/20/03	12/19/03
565570409	Roslert	Walter	M	10/21/1938	10/26/03	11/13/03
014760252	Conner	Sherwood	M	11/14/1940	10/29/03	11/30/03
472551333	Gunderson	Rosemary	F	08/18/1915	12/17/03	12/26/03
773642368	McDaniel	Caleb	M	01/23/1938	10/19/03	12/20/03
759333066	Burnett	Jan	F	07/04/1929	10/25/03	11/30/03
136056137	Hayman	Edd	M	10/05/1929	11/07/03	12/07/03
947917397	St. Michael	Teri	F	11/29/1940	11/17/03	11/18/03

### Increase in Number of Pressure Ulcers

Complete Data Cases: 593		Number of Events: 4	Agency Incidence: 0.7%	Reference Incidence: 0.4%		
Patient ID	Last Name	First Name	Gender	Birth Date	SOC/ROC	DC/Transfer
315867385	Dimerez	Robert	M	12/06/1937	10/29/03	11/09/03
133711082	Kinder	Jane	F	11/11/1915	10/20/03	12/14/03
417495912	Benton	Tracy	F	04/07/1914	11/05/03	12/06/03
870032669	Martinez	Lyn	M	12/19/1930	10/24/03	11/03/03

### Substantial Decline in 3 or More Activities of Daily Living

Complete Data Cases: 382		Number of Events: 3	Agency Incidence: 0.8%	Reference Incidence: 0.5%		
Patient ID	Last Name	First Name	Gender	Birth Date	SOC/ROC	DC/Transfer
854314071	Henry	Byron	M	06/29/1940	10/06/03	11/02/03
424787337	Smith	Flo	F	11/20/1927	12/01/03	12/21/03
500582191	King	Kathleen	F	08/26/1916	10/27/03	11/03/03

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### **Substantial Decline in Management of Oral Medications**

Complete Data Cases: 189      Number of Events: 1      Agency Incidence: 0.5%      Reference Incidence: 0.5%

Patient ID	Last Name	First Name	Gender	Birth Date	SOC/ROC	DC/Transfer
502513146	Burke	Brenda	F	06/03/1924	11/01/03	12/20/03

### **Unexpected Nursing Home Admission**

Complete Data Cases: 105      Number of Events: 3      Agency Incidence: 2.9%      Reference Incidence: 3.9%

Patient ID	Last Name	First Name	Gender	Birth Date	SOC/ROC	DC/Transfer
952821056	Burch	Nancy	F	09/17/1936	10/30/03	11/08/03
118840231	Elsen	Jean	F	01/20/1923	10/06/03	10/15/03
645083076	Callahan	Jack	M	04/29/1929	11/20/03	12/05/03

### **Discharged to the Community Needing Wound Care or Medication Assistance**

Complete Data Cases: 401      Number of Events: 4      Agency Incidence: 1.0%      Reference Incidence: 0.5%

Patient ID	Last Name	First Name	Gender	Birth Date	SOC/ROC	DC/Transfer
047170580	James	Todd	M	08/22/1917	12/17/03	12/26/03
019528462	Hoch	Chris	M	11/13/1917	10/14/03	10/16/03
197215357	Lincoln	Andrew	M	11/05/1937	10/11/03	10/16/03
407160030	Tyler	Mona	F	03/21/1933	11/17/03	11/24/03

### **Discharged to the Community Needing Toileting Assistance**

Complete Data Cases: 407      Number of Events: 2      Agency Incidence: 0.5%      Reference Incidence: 0.8%

Patient ID	Last Name	First Name	Gender	Birth Date	SOC/ROC	DC/Transfer
675779542	Eggert	Patricia	F	08/22/1915	10/06/03	10/13/03
083773193	Loren	Patrick	M	10/18/1924	11/13/03	11/18/03

### **Discharged to the Community With Behavioral Problems**

Complete Data Cases: 407      Number of Events: 5      Agency Incidence: 1.2%      Reference Incidence: 0.8%

Patient ID	Last Name	First Name	Gender	Birth Date	SOC/ROC	DC/Transfer
653640671	Quentin	Roseann	F	09/13/1934	10/22/03	11/20/03
251160016	Ernest	John	M	09/22/1940	12/03/03	12/12/03
932752042	Martin	Sylvia	F	07/23/1915	12/28/03	12/31/03
239777508	Gaylord	Diane	F	09/09/1937	10/11/03	12/06/03
511499232	Johnson	Ronald	M	12/03/1932	10/15/03	12/03/03

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### Unexpected Death

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Complete Data Cases: 523      Number of Events: 4      Agency Incidence: 0.8%      Reference Incidence: 1.1%

Patient ID	Last Name	First Name	Gender	Birth Date	SOC/ROC	DC/Transfer
205640357	Carlton	Rosie	F	09/24/1931	12/02/03	12/03/03
027698081	Nicholson	Sandy	F	07/13/1922	10/27/03	11/28/03
132486118	Sterns	Isabella	F	03/08/1937	11/08/03	12/17/03
031382376	Taylor	Ann	F	06/06/1933	10/22/03	11/25/03

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